



13281 U.S. PTO

031904

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March 19, 2004

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Presented for filing is a new original patent application of:

Applicant: Yuji AKISHIBA  
Title : DISPLACEMENT SENSOR AND METHOD FOR USING THE SAME  
Attorney Docket No.: 0073/016001

Enclosed are the following papers, including all those required for a filing date under 37 CFR 1.53(b):

Pages of Specification	20
Pages of Claims	5
Pages of Abstract	1
Sheets of Drawings	11
Pages of Information Disclosure Statement	2
Pages of PTO-1449 Form (in duplicate)	1
Cited References	4

Basic filing fee	770.00
Total claims in excess of 20 times \$18.00	0.00
Independent claims in excess of 3 times \$86.00	0.00
Multiple dependent claims	0.00
Non-English Specification	130.00
Total filing fee:	\$ 900.00

Under 37 CFR 1.53(e), NO FILING FEE IS BEING PAID AT THIS TIME. Please charge any other required fees, EXCEPT FOR THE FILING FEE, to Deposit Account No. 19-2586, referencing Attorney Docket No. 0073/016001.

This application contains 20 total claims including 3 independent claims. This application has been filed in the Japanese language under 37 CFR 1.52(e). A verified English translation and the fee set forth in 37 CFR 1.17(i) will be filed at a later date. To assist the U.S. Patent and Trademark Office in handling this application prior to receipt of the English language translation, applicant attaches hereto a paper entitled Details of United States Patent Application titled "DISPLACEMENT SENSOR AND METHOD FOR USING THE SAME".

Applicant respectfully claims priority under 35 USC 119 to Japanese Patent Application No. 2003-079122 filed on March 20, 2003. The certified copy of this application will be filed at a later date.

If this application is found to be INCOMPLETE, or if any additional fee is required, or if it appears that a telephone conference would helpfully advance prosecution, please telephone the undersigned at 202-530-5900.

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10/804183  
031904



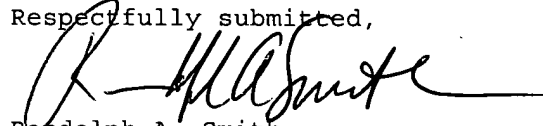
Transmittal Letter  
Applicant: Yuji AKISHIBA  
Filing Date: March 19, 2004  
Application No.: filed concurrently  
Title: DISPLACEMENT SENSOR AND METHOD FOR USING THE SAME  
Page 2

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please recognize the following address at the corresponding address:

**Customer Number 22893.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Randolph A. Smith", written over the typed name.

Randolph A. Smith  
Reg. No. 32,548

RAS:sg  
Enclosures  
Akishiba031904

Attachment to Transmittal Letter  
Applicant: Yuji AKISHIBA  
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DETAILS OF UNITED STATES PATENT APPLICATION

TITLED "DISPLACEMENT SENSOR AND METHOD FOR USING THE SAME"

Specification: Pages 1-20

Claims: Page 21-25

Abstract: Page 26

Drawings: 11 Sheets (Figures 1-14)

Claim Description: 20 total claims including  
3 Independent claims (Claims 1, 8 and 20)

Claim 1: Independent  
Claim 2: Dependent on claim 1  
Claim 3: Dependent on claim 2  
Claim 4: Dependent on claim 2  
Claim 5: Dependent on claim 2  
Claim 6: Dependent on claim 1  
Claim 7: Dependent on claim 1  
Claim 8: Independent  
Claim 9: Dependent on claim 8  
Claim 10: Dependent on claim 8  
Claim 11: Dependent on claim 8  
Claim 12: Dependent on claim 8  
Claim 13: Dependent on claim 8  
Claim 14: Dependent on claim 8  
Claim 15: Dependent on claim 14  
Claim 16: Dependent on claim 14  
Claim 17: Dependent on claim 14  
Claim 18: Dependent on claim 8  
Claim 19: Dependent on claim 8  
Claim 20: Independent